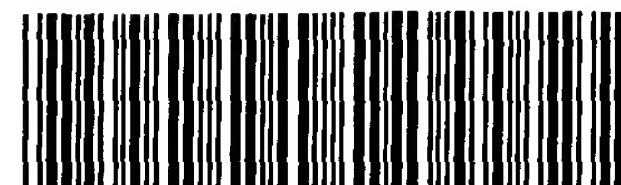


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#2

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RAW SEQUENCE LISTING

DATE: 02/13/2002

PATENT APPLICATION: US/10/060,387

TIME: 19:47:59

Input Set : N:\Crf3\RULE60\10060387.txt

Output Set: N:\CRF3\02132002\J060387.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: GREAVES, DAVID ROBERT

8 (ii) TITLE OF INVENTION: GENE EXPRESSION IN MONOCYTES AND MACROPHAGES

10 (iii) NUMBER OF SEQUENCES: 6

12 (iv) CORRESPONDENCE ADDRESS:

13 (A) ADDRESSEE: NIXON & VANDERHYE P.C.

14 (B) STREET: 1100 NORTH GLEBE ROAD

15 (C) CITY: ARLINGTON

16 (D) STATE: VIRGINIA

17 (E) COUNTRY: U.S.A.

18 (F) ZIP: 22201-4714

20 (v) COMPUTER READABLE FORM:

21 (A) MEDIUM TYPE: Floppy disk

22 (B) COMPUTER: IBM PC compatible

23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

26 (vi) CURRENT APPLICATION DATA:

C--> 27 (A) APPLICATION NUMBER: US/10/060,387

C--> 28 (B) FILING DATE: 01-Feb-2002

44 (C) CLASSIFICATION:

41 (vii) PRIOR APPLICATION DATA:

32 (A) APPLICATION NUMBER: US 09/171,802

33 (B) FILING DATE: 01-NOV-2001

37 (A) APPLICATION NUMBER: PCT/GB97/01209

38 (B) FILING DATE: 02-MAY-1997

42 (A) APPLICATION NUMBER: GB 9609261.4

43 (B) FILING DATE: 02-MAY-1996

47 (viii) ATTORNEY/AGENT INFORMATION:

48 (A) NAME: SADOFF, B. J.

49 (B) REGISTRATION NUMBER: 36,663

50 (C) REFERENCE/DOCKET NUMBER: 1430-202

52 (ix) TELECOMMUNICATION INFORMATION:

53 (A) TELEPHONE: (703) 816-4000

54 (B) TELEFAX: (703) 816-4100

57 (2) INFORMATION FOR SEQ ID NO: 1:

59 (i) SEQUENCE CHARACTERISTICS:

60 (A) LENGTH: 2130 base pairs

61 (B) TYPE: nucleic acid

62 (C) STRANDEDNESS: double

63 (D) TOPOLOGY: linear

67 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

69 TGTCTGGAA CCCAGGTGCC TACCTGGTCT GCTGCATATT TGTTTTCTCT TCCAGCATGG

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75 AAGTTCGGAA AGTAGCAGCT TGGGAATAGAA TCTGGCATGC CTAAGGCCTT TGGGGAACTG 240
77 GGATGCTTAT TTCCTCTGCC TTCCTTGGCT GCCACATGG ATGCCTAAGT GTCTTCCCTC 300
79 CGGGATAGAG TGTCTCCGT GCACATGCTG AAGAGTTGTC TTTCTTGACG TAGGCCAGAG 360
81 GCATTGATGT GCAGCAGGTT TCTTTAGTCA TCAACTATGA CCTTCCCACC AACAGGGAAA 420
83 ACTATATCCA CAGGTAAGCG TAGATCTGGA ACATTCCCAN ACCCTTTCAC ACCTGGCCCT 480
85 CCCTGGGCTT AAAGCTCCTG ATATTCCTCA TCCCCTTCCT TGTTTTCCAG AATCGGTCGA 540
87 GGTGGACGGT TTGGCCGTAA AGGTGTGGCT ATTAACATGG TGACAGAAGA AGACAAGAGG 600
89 AYTCTTCGAG ACATTGAGAC CTTCTACAAC ACCTCCATTG AGGAAATGCC CCTCAATGTT 660
91 GCTGACCTCA TCTGAGGGGC TGTCTGCCA CCCASCCCA GCCASGGCTC AAKYTCTGGG 720
93 GGCTGAGGAK CWGCAGGAGG GGGGAGGGAA GGGAGCCAAG GGATGGACAT CTTGTCATTT 780
95 TTTTTTCTTT GAATAAATGT CACTTTTTGA GGCAAAGAA GGAACCGTGA ACATTTTAGA 840
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101 CTCAGCTGAG CTCCTTTGAA AGTGATTCAA GGGACTATGT CACTCAGCCT CATTTGCTGG 1020
103 ACCAAATCTG GAGGGAGAAC CCCTAAAACC CCTAAGTGAG GTTGCCCAGG GGGTTGTCCC 1080
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135 ATCTCCTCTC TGCCAAAAGC CCAGGGGACA GGGAATGACT GTCCTCACA AAAATCAGCT 2040
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139 CACAGGACTA CCAAGAGCCA CAAAACCACC 2130
141 (2) INFORMATION FOR SEQ ID NO: 2:
143 (i) SEQUENCE CHARACTERISTICS:
144 (A) LENGTH: 199 base pairs
145 (B) TYPE: nucleic acid
146 (C) STRANDEDNESS: double
147 (D) TOPOLOGY: linear
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
153 TTCCAAGAGA GGGCTGAGGG AGCAGGGTTG AGCAACTGGT GCAGACAGCC TAGCTGGACT 60
155 TTGGGTGAGG CGGTTTCAGCC AGGAATCCTG CTGGGGCTAC TGGCAGGTAA GGAGCCCAGG 120
157 AAGGAGGCTG AGGGGAGGGG GCCCCTGGGA GGGAGCCTGC CCTGGGTTGC TAACCATCTC 180
159 CTCTCTGCCA AAAGCCAG 199
161 (2) INFORMATION FOR SEQ ID NO: 3:
163 (i) SEQUENCE CHARACTERISTICS:
164 (A) LENGTH: 6959 base pairs

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PATENT APPLICATION: US/10/060,387

DATE: 02/13/2002

TIME: 19:47:59

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165      (B) TYPE: nucleic acid
166      (C) STRANDEDNESS: double
167      (D) TOPOLOGY: linear
171      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
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177 ATGGAGCCCA TCGGTGTCAT CTGAGCCTCT GGCTTCCCTG CCAGTGCAGC CCTGGCAGTG      180
179 TCCTACTTCC CAGGGCTGTT GTCTGCCTGG CGGGAAGGTC CTGGGCAAAG GATCAGTCTT      240
181 TGTACTCTGA GAGCAGACTA CTTGGCTCCT CTCTGTTTTT TATCAGCGAA GTTGGATATA      300
183 TCTCTCCAC ATTTCCCTAA TCATATGCTA TATATTGGCT TTTTTTTTCT TCTCTAGCCC      360
185 CCAAATACAT CAAGATGTTT GTACTGGATG AAGCTGACGA AATGTTAAGC CGTGGATTCA      420
187 AGGACCAGAT CTATGACATA TTCCAAAAGC TCAACAGCAA CACCCAGGTG AGGGCAGTCT      480
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197 GATTCTTGTC AAGAAGGAAG AGTTGACCTT GGAGGGTATC CGCCAGTTCT ACATCAACGT      780
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207 CGCTGCCAGC CTGTTGTGGG TCTGCCCGTC AGAAGTGTCC TACTTGAAGC CAGGGTTCCT      1080
209 GGAACCCAGG TGCCTACCTG GTCTGCTGCA TATTTGTTTT CTCTTCCAGC ATGGAGATAT      1140
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213 GATTACCACT GACCTGCTGG TGAGTAGAGG GAACTGATAG CAAAGGCAGA AGGGAGGATC      1260
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243 TCAAGGGACT ATGTCACCTA GCCTCATTTG CTGGACCAA TCTGGAGGGA GAACCCCTAA      2160
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247 AATGGTAGCC ATTTTACAT TGTTTTGTAT AGTATTTATT GATTCAGGAA ACAAACACAA      2280
249 AATTCTGAAT AAAATGACTT GGAAACTGCC TGTTTGGGCT TCTCATTTCT TACCTCCCCT      2340
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259 GGTCCAGGGG AAAGGAGTGG AAACCGATTT CCCCACCAAG GGAGGGGCCT GTACCTCAGC      2640
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/060,387

DATE: 02/13/2002

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269	GTGAGACTTT	CATTTCCCTC	TTTCCAAGAG	AGGGCTGAGG	GAGCAGGGTT	GAGCAACTGG	2940
271	TGCAGACAGC	CTAGCTGGAC	TTTGGGTGAG	GCGGTTGAGC	CATGAGGCTG	GCTGTGCTTT	3000
273	TCTCGGGGGC	CCTGCTGGGG	CTACTGGCAG	GTAAGGAGGA	AGGAGGCTGA	GGGGAGGGGG	3060
275	CCCCTGGGAG	GGAGCCTGCC	CTGGGTGCT	AAACATCTCC	TCTCTGCCAA	AAGCCCAGGG	3120
277	GACAGGGAAT	GACTGTCCTC	ACAAAAAATC	AGCTACTTTG	CTGCCATCCT	TCACGGTGAC	3180
279	ACCCACGGTT	ACAGAGAGCA	CTGGAACAAC	CAGCCACAGG	ACTACCAAGA	GCCACAAAAC	3240
281	CACCACTCAC	AGGACAACCA	CCACAGGCAC	CACCAGCCAC	GGACCCACGA	CTGCCACTCA	3300
283	CAACCCACCC	ACCACCAGCC	ATGGAAACGT	CACAGTTCAT	CCAACAAGCA	ATAGCACTGC	3360
285	CACCAGCCAG	GGACCCTCAA	CTGCCACTCA	CAGTCCTGCC	ACCACTAGTC	ATGGAAATGC	3420
287	CACGGTTCAT	CCAACAAGCA	ACAGCACTGC	CACCAGCCCA	GGATTCACCA	GTTCTGCCCA	3480
289	CCCAGAACCA	CCTCCACCCT	CTCCGAGTCC	TAGCCCAACC	TCCAAGGAGA	CCATTGGAGA	3540
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293	AGTCATGTAC	ACAACCCAGG	GTGGAGGAGA	GGTAAAGCTA	AAACTGGGGG	ATGAGAGGGG	3660
295	AGGGAGGCAG	GACTGGTTAT	AGGCTCAGAG	GGAAGAAGGA	AGAGGGGACA	GGNAACCTTG	3720
297	GCCGGCATCG	CATGCAGTCT	TGTGACCTTC	CAGTCTTTAA	CTTCCGCAGG	GCTGGGGTAT	3780
299	CTCTGTNCTG	ANCCCCAACA	GAACCAAGGT	CCAGGGAAGC	TGTGGGGGTG	CCCATCCCCA	3840
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323	GGGCAGCTTT	CTTTCCATCC	TCTACAAGAC	TCTGCCAGTT	TCCCCCTTTT	ATCACTGCTG	4560
325	AGTCACTGCG	GTGAGCTCCT	CACCAATCTC	CTACTCCCCA	GCATCCCCCC	ATTCCCTCCT	4620
327	CCCACCTTTA	TCCCAACCAG	CACGTCACCTG	CAAATACCTA	CCTGCCCTAT	CCTTCCGCCA	4680
329	GGTTTCTCCT	GCCCCAGTGA	CCGGTCCATC	TTGCTGCCTC	TCATCATCGG	CCTGATCCTT	4740
331	CTTGGCCTCC	TCGCCCTGGT	GCTTATTGCT	TTCTGCATCA	TCCGGAGACG	CCCATCCGCC	4800
333	TACCAGGCC	TCTGAGCATT	TGCTTCAAAC	CCCAGGGCAC	TGAGGGGGTT	GGGGTGTGGT	4860
335	GGGGGGGTAC	CCTTATTTCC	TCGACACGCA	ACTGGCTCAA	AGACAATGTT	ATTTTCCTTC	4920
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341	CATGGTGAAA	CCCTGTCTCT	ACTAAAAATA	CAATTAGCCA	GGTGTGGCGG	CGTAATCCCA	5100
343	GCTGGCCTGT	AATCCCAGCT	ACTTGGGAGG	CTGAGGCAGA	ACTGCTTGAA	CCCAGGAGGT	5160
345	GGAGGTTGCA	GTGAGCCGTC	ATCGCGCCAC	TGAGCCAAGA	GTCGCGCCAC	TGCACTCCAG	5220
347	CCTGGGCGAC	AGAGCCAGAC	TGTCTCAAAT	AAATAAATAT	GAGATAATGC	AGTCGGGAGA	5280
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355	GAAGCAGCTG	CTGAGGAGGG	ATGAAAATGT	CAGTGTGTGA	CGATGCCTCA	TGGGTTTACC	5520
357	CCCCAAAGCC	TGGCACAGCT	GGTGTGGGT	CTGCCGTGCC	TCCCTTCCTT	CCTCCTCTTG	5580
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/060,387

DATE: 02/13/2002

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365 CTGTCTGTGC CACCATATTC AAGGCCAGCA GAAGAGCCCG ATTAAACCCCT CGCAGCGACC 5820
367 TGGCATGCTC CTATCCCACC TGCAAGGGGT TGAATCAAGA AGGAGCAGTG GGTACTCTGA 5880
369 CCTCCACTGG GGGCTCCTGG GAACAGCATG CCCCCACAC GGGGCCACCT GCCAAGCCTA 5940
371 ACTTCATGCC CCCAGTACTT GAGATGAGGA GTGTCACTCT CAGGACAGCC AAGGTCCAGA 6000
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375 CATTACAGCT GGCTACGGCG CAATCCCTGG GAGCCAGGAT GAGCAGCACC CCCCAGCCGT 6120
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405 (2) INFORMATION FOR SEQ ID NO: 4:
407 (i) SEQUENCE CHARACTERISTICS:
408 (A) LENGTH: 1738 base pairs
409 (B) TYPE: nucleic acid
410 (C) STRANDEDNESS: double
411 (D) TOPOLOGY: linear
415 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
417 CTAGCTGGTC TGAGCATCTC TGCCATGCGG CTCCCTGTGT GTCTGATCTT GCTAGGACCG 60
419 CTTATAGGTA AGGAGAAATG GGAGGTGGGG GAGGGAGGGC TCATGGGCAG GAGCCTGCAC 120
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/060,387

DATE: 02/13/2002

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L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]